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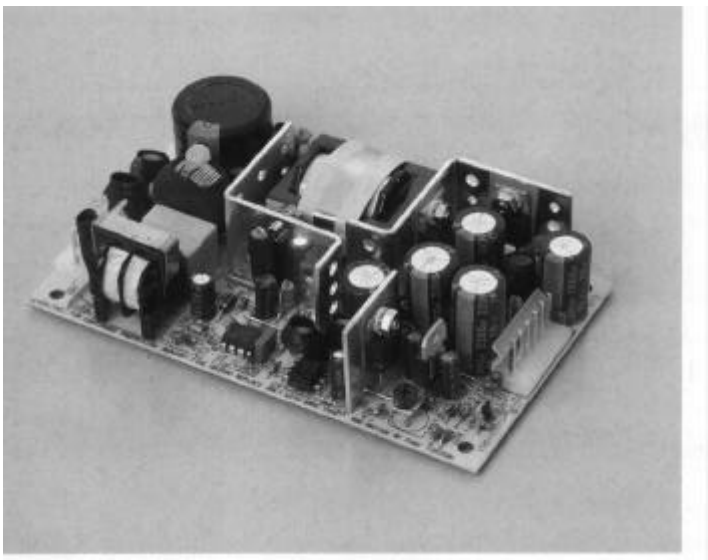
TPG65-SINGLE/DUAL/TRIPLE

OPEN FRAME(AIR FLOW)



KEY FEATURES

**Universal input*
**Built-in EMI filter*
**Optional Power Factor Corrector (PFC)*
**Optional+12VDC/+24VDC/+48VDC input*

APPLICATIONS

**Telecommunications*
**Computer peripherals*
**Test & industrial equipments*
**Medical instruments*
**Business machines*

ELECTRICAL SPECIFICATIONS

INPUT
*Input range----------90~264 VAC, universal
*Frequency----------47~63Hz
*Inrush current--------30A Max. Cold start @25^{0}C
*Efficiency----------65% typical at full load
*EMI filter---------- FCC Class B conducted, CISPR 22 Class B conducted, EN55022 class B Conducted
*Line regulation----- +/- 0.5%

OUTPUT
*Maximum power----65W with 15 CFM forced air.
*Hold-up time --------10ms at full load and 115 VAC nominal line
*Overload protection-Short circuit protection
*Overvoltage protection ----------Main output 20% to 40% above nominal output
*Ripple/Noise -------- +/- 1% Max. @full load (Optional +/-0.5% per inquiry)

ORDERING INFORMATION

TPG XX- X X

- Model extension
- 1=Single, 2=Dual, 3=Triple
- Output wattage
- Series Name

EMI & EMC

*FCC part 15, Class B
*CISPR 22 / EN55022, Class B
*VCCI ,Class 2
*CE

SAFETY APPROVAL

*UL1950 / c UL
*Optional CSA 22.2, LEVEL 3
*TUV EN60950
*Optional UL 2601

ENVIRONMENTAL

*Operating temperature :
0 to 50^{0}C ambient; derate each output at 2.5% per degree from 50^{0}C to 70^{0}C
*Electromagnetic susceptibility:
Designed to meet IEC 801-2,-3,-4,-5,Level 3
*Humidity:
Operating; non-condensing, 5% to 95%
*Vibration :
10~55 Hz at 1G 3 minutes period, 30 minutes along X, Y and Z axis
*Storage temperature:
-40 to 85^{0}C
*Temperature coefficient:
+/- 0.05% per degree C
*MTBF demonstrated:
>100,000 hours at full load and 25^{0}C ambient conditions

TOTAL POWER INT'L INC. TEL:978-453-7272 FAX:978-453-7395 E-mail: sales@total-power.com

OUTPUT SPECIFICATION

TPG65-SINGLE

MODEL	OUTPUT CURRENT (A)								
	5V	12V	15V	24V	48V	10V	56V	3.3V	20V
TPG65-10	13								
TPG65-11		5.4							
TPG65-12			4.3						
TPG65-13				2.7					
TPG65-14					1.3				

TPG65-TRIPLE

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPG65-31	6	2		0.35					
TPG65-31A	6	1.25		1.25					
TPG65-32	6				2.2	0.3			
TPG65-32A	6				1.25	1.25			
TPG65-31C	6			1			2		
TPG65-31B	1	1					2.7		

TPG65-DUAL

MODEL	OUTPUT CURRENT (A)								
	5V	12V	-5V	-12V	15V	-15V	24V	48V	3.3V
TPG65-21A	10	1							
TPG65-21	12	1							
TPG65-22	6	3							
TPG65-23	6						1.5		
TPG65-24		3		3					

NOTES

*120% Peak current lasting <30 seconds with a maximum 10% duty cycle.
*Detailed engineering specification of each model is available for inquiry.
*Special output voltage inquiry is welcomed.
*Specifications subject to change without notice.
*25% derated if 24 VDC input version;50% derated if 12VDC input version.

MECHANICAL DRAWING